

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ruddy et al.

COPY OF PAPERS  
ORIGINALLY FILED

Application No.: 08/852,495

Group Art Unit: 1644

Filed: May 7, 1997

Examiner: Vander Vegt, F.

For: POLYMORPHISMS IN THE  
REGION OF THE HUMAN  
HEMOCHROMATOSIS GENE

Attorney Docket No.: 8907-057-999

## FEE TRANSMITTAL SHEET

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

MAR - 8 2002

TECH CENTER 1600/2900

Sir:

The fee required to be filed with the accompanying amendment of even date herewith concerning the above-identified application has been estimated to be \$680.

The claim amendment fee has been estimated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	71	MINUS	51	=	20	× 9	\$	× 18	\$ 360.00
INDEP.	14	MINUS	10	=	4	× 40	\$	× 80	\$ 320.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						135	\$	270	\$
						TOTAL	\$	OR TOTAL	\$ 680.00

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150.  
A copy of this sheet is enclosed.

Respectfully submitted,

Date

10/24/01

Nathan A. Machin

47,763

(Reg. No.)

for Brian M. Poissant (Reg. No. 28,462)  
PENNIE & EDMONDS LLP  
1155 Avenue of the Americas  
New York, New York 10036-2711  
(212) 790-9090

Enclosure



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**RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants have considered the Office Action dated April 25, 2001, and request reconsideration of the claims in view of the following amendments and remarks. Applicants submit concurrently herewith (1) an Exhibit A, presenting marked-up copies of the amended claims, (2) an Exhibit B, presenting the claims as pending after entry of the instant amendment, (3) an Amendment Fee Transmittal Sheet, and (4) a Petition for Extension of Time Under 37 CFR § 1.136(a) extending the period for response by three months, up to and including October 25, 2001, accompanied by the appropriate fee.

**AMENDMENTS**

**IN THE CLAIMS**

Please amend Claims 29 and 33, without prejudice, as follows:

29. (Three Times Amended) An isolated polynucleotide for determining whether a subject has an increased likelihood of having the disease-associated allele 24d1 of the Hereditary Hemochromatosis gene comprising at least 8 consecutive bases and up to about 100 consecutive bases of the sequence shown in SEQ ID NOS:1 or 2, or the complement

03/06/2002 NH0HAMM1 00000084 161150 08852495

01 FC:103 360.00 CH  
02 FC:102 336.00 CH